

SEVERE LOCAL STORMS, JANUARY, 1929

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A more complete statement will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path, yards ¹	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Sealy, Tex.-----	4	6:15 p. m.	100	-----	\$10,000	Tornado-----	Buildings damaged over path 10 miles long; 5 persons injured.	Official, U. S. Weather Bureau.
Bay City, Tex. (5 miles south of).-----	4	8 p. m.	150	5	-----	do-----	Everything in path demolished; 14 persons injured.	Do.
Jeffersonville, Vt.-----	5	P. m.	-----	-----	-----	Wind-----	A number of barns demolished; some cattle killed; roofs blown off.	Burlington Free Press (Vt.)
Wilkes-Barre, Pa., and vicinity.-----	5	P. m.	-----	-----	-----	Wind and rain-----	Considerable property damaged; traffic congested; many small fires.	Official, U. S. Weather Bureau.
Buffalo, N. Y.-----	6	-----	-----	1	-----	Severe wind-----	Considerable damage to buildings, street signs, etc.; minor damage in other parts of State.	Do.
Sealy, Tex. (near).-----	10	3:20 a. m.	4 mi.	-----	-----	Hail-----	Considerable damage over path 6 miles long.	Do.
Scott County, Mo., through southern Illinois and southwestern Indiana.-----	18	-----	-----	6	-----	Series of tornadoes and high winds.	Many barns demolished; residences damaged; wire systems impaired; a number of school children injured.	Official, U. S. Weather Bureau; Evansville Journal (Ind.).
Kentucky-----	18	P. m.	-----	4	1,250,000	Tornadic winds---	Widespread damage throughout State; hundreds of barns and contents destroyed; homes, business houses, wire systems, and timber damaged; 5 persons injured.	Official, U. S. Weather Bureau.
Shelby, Miss.-----	18	-----	-----	1	-----	High wind-----	Considerable property damage.	Do.
Buffalo, N. Y.-----	19	P. m.	-----	1	-----	do-----	Considerable damage to plate-glass windows, signs, etc.	Do.
Wisconsin (east-central counties).-----	22	-----	-----	-----	-----	do-----	Overhead wires and small buildings damaged; smokestack blown down; traffic impeded by snow.	Do.
Parkersburg, W. Va.-----	25	-----	-----	-----	-----	do-----	Overhead wires damaged.	Do.

¹ "Mi." signifies miles instead of yards.

627.41(73) RIVERS AND FLOODS

By R. E. SPENCER

General rains beginning on the 16th and continuing, with high temperatures, until late evening of the 19th over the region east of the Mississippi River and north of the Ohio, resulted in unimportant floods in the lower Great Lakes drainage and in moderate rises in several of the northern tributaries of the Ohio. Of the latter only those in the Allegheny River and the Wabash-White system were considerable, and even these did comparatively little damage. Along the Allegheny, where the presence of ice resulted in two gorges of minor importance between Franklin and Parkers Landing, unavoidable losses amounted to \$5,000, while at Lock No. 7 the safe removal of \$50,000 worth of machinery was effected through the timeliness of the Weather Bureau flood warnings. Losses in the more sustained Wabash-White rise reached \$101,500, of which \$40,800 was in tangible property (bridges, highways, etc.) and \$49,000 in farm property. In addition to a considerable saving in livestock for which no estimate could be obtained, property valued at \$19,000 was saved along the Wabash-White through the flood warnings.

A second period of substantial rains extending from the Middle West States southward to the Gulf on the 23d-24th was followed by moderate rises in several streams in that section—notably in the Illinois, the lower Ohio, the White and Black of Arkansas, and the Sulphur of Texas.

On the Sulphur River the losses (combined with those of a somewhat lesser rise earlier in the month) amounted to \$11,000, and the savings through flood warnings to \$33,000. Reports from other districts report some inconvenience owing to flooded highways, but no material damage.

Losses in the Tombigbee River rise of the 31st amounted to \$700.

[All dates in January except as otherwise specified]

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
EAST GULF DRAINAGE					
Tombigbee: Lock 4, Demopolis, Ala.	Feet 39	31	31	Feet 39.5	31
GREAT LAKES DRAINAGE					
Maumee: Fort Wayne, Ind.	15	19	20	15.7	19
St. Joseph: Montpelier, Ohio.	10	23	23	15.6	23
Sandusky:	10	19	23	12.6	21
Upper Sandusky, Ohio.	13	19	20	15.8	20
Tiffin, Ohio.	7	19	21	8.1	21
MISSISSIPPI DRAINAGE					
Allegheny:					
Franklin, Pa.	15	20	20	15.0	20
Parkers Landing, Pa.	18	19	19	20.0	19
Lock 5, Freeport, Pa.	24	19	21	28.6	19
Lock 4, Natrona, Pa.	24	19	20	28.0	19
Ohio:					
Evansville, Ind.	35	26	Feb. 2	38.5	29
Dam 48, Cypress, Ind.	35	27	(¹)	37.2	30
Shawneetown, Ill.	35	27	(¹)	40.3	31
Shenango: Sharon, Pa.	9	20	21	12.0	20
Tuscarawas: Coshocton, Ohio.	8	20	20	11.0	20
Walhonding: Walhonding, Ohio.	8	18	20	12.0	19
Scioto:					
Larue, Ohio.	11	25	27	13.3	26
Prospect, Ohio.	10	20	21	12.1	20
Circleville, Ohio.	10	20	21	14.5	20
Chillicothe, Ohio.	16	21	22	17.0	21
Glentany: Delaware, Ohio.	9	19	19	9.6	19
Stillwater: Pleasant Hill, Ohio.	13	19	19	13.3	19
Green: Lock No. 2, Rumsey, Ky.	34	29	31	34.7	30
Wabash:					
Lafayette, Ind.	13	19	25	16.6	20
Covington, Ind.	16	20	27	20.2	25
Terre Haute, Ind.	16	24	28	17.6	26
Vincennes, Ind.	14	25	(¹)	15.8	28
Mount Carmel, Ill.	16	21	(¹)	23.0	29, 30
White: Decker, Ind.	18	22	(¹)	23.5	28-30
White, East Fork:					
Seymour, Ind.	10	19	27	13.3	26
Williams, Ind.	10	23	(¹)	14.7	26
Shoals, Ind.	20	23	(¹)	26.4	26
White, West Fork:					
Anderson, Ind.	12	20	20	12.6	20
Elliston, Ind.	19	19	29	24.0	23
Edwardsport, Ind.	15	20	(¹)	19.0	24
Tennessee: Riverton, Ala.	33	28	29	33.9	29
Elk: Fayetteville, Tenn.	14	25	28	21.0	26

¹ Continued at end of month.